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THE CLAIMS DEFINING THE INVENTION ARE AS FOLLOWS:

- A sample collector apparatus for collecting samples of flowable solid materials comprising:
- a housing

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- a delivery opening in the upper end of said housing through which material to be sampled is delivered into the housing,
- a deflector within said housing having an upper end located below said delivery opening and having an angled wall that acts to deflect said material,
- receptacle means towards the lower edge of said deflector for receiving a sample of said material flowing downwardly, said receptacle means having an opening at its lower end through which said sample passes,
 - means for moving said receptacle means with respect to said material flowing downwardly,
 - a collection means located beneath said receptacle means for collecting said sample from said opening, and
 - a waste opening at the lower end of said housing to discharge the portion of material not collected by said receptacle means.
- A sample collector apparatus according to claim 1 wherein said deflector comprises walls that diverge downwardly.
 - 3. A sample collector apparatus according to claim 1 wherein said deflector is conically shaped with its narrow end uppermost and located near said delivery opening.
 - 4. A sample collector apparatus according to claim 3 wherein said receptacle means is secured to the lower peripheral edge of said deflector and wherein said means for moving said receptacle means is a drive means that rotates both said deflector and said receptacle means.

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- 5. A sample collector apparatus according to claim 4 wherein said drive means comprises an hydraulic motor.
- 6. A sample collector apparatus according to either claim 4 or 5 wherein said receptacle means is removably attached to said deflector.
 - 7. A sample collector apparatus according to any one of the preceding claims wherein said collection means comprises a funnel located beneath the range of movement of said receptacle means having a discharge end located outside of said housing.

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- 8. A sample collector apparatus according to any one of the preceding claims wherein said receptacle means having walls defining a rectilinear opening, said walls converging to said opening.
- 9. A sample collector apparatus according to any one of the preceding claims comprising two receptacle containers.
- 20 10. A sample collector apparatus according to claim 9 further comprising two collection means, a first for collection of the sample from the first receptacle means, and a second collection means for collection of the sample from the second receptacle means.
- 25 11. A sample collector apparatus according to claim 10 wherein said first and second collection means comprise funnels with said second collection means located centrally within said first collection means and wherein said opening of said first receptacle means is located over an annulus formed between said first and second collection means and said opening of said second receptacle means is located over said second collection means.

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- 12. A sample collector apparatus according to claim 11 wherein the discharge of said second collection means exits a wall of said first collection means.
- A sample collector apparatus substantially as herein described with reference to the accompanying drawings.